THE PHI DELTA KAPPAN

Vol. IX AUGUST 1926 No. 1

STRIPPED of its technical verbiage, scientific research may be said to be collecting, evaluating and interpreting facts pertinent to a given problem. The backbone and framework of research are facts—not beliefs, theories, or even a philosophy.

Facts are fair; facts are firm and do not fly. They constitute the only true basis of rational thought. We must have faith to depend upon the influence of reliable representation of facts.

—*From address by*
Dean R. A. Kent,
Northwestern University.

RESEARCH

SERVICE

LEADERSHIP

Researches and Other Studies by Phi Delta Kappans

THE PHI DELTA KAPPAN

THE OFFICIAL NATIONAL ORGAN OF PHI DELTA KAPPA

CONTINUING THE NATIONAL NEWS LETTER OF PHI DELTA KAPPA

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Volume IX AUGUST · 1926 Number 1

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The PHI DELTA KAPPAN is published bi-monthly in the months of August, October, December, February, April and June, by the Phi Delta Kappa Fraternity at the office of the National Secretary, Clayton R. Wise, 10403 St. Clair Avenue, Cleveland, Ohio.

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THE PHI DELTA KAPPAN

Volume IX AUGUST · 1926 Number 1

The Research Number

The material contained in the following pages has been compiled in an attempt to fulfill the desire of the National Council that the August number of the *Phi Delta Kappan* be devoted to publication of the research activities of the fraternity. To be sure, much of the material covered by the titles listed is not research material and it is not so indicated in the heading under which it is published. Doubtless much material listed under the head of research does not represent real research in the strict sense, but the evidence in hand was insufficient for a more exact classification. In fact, the classification is essentially as each contributing member made it.

The copy for this issue was supplied by members of the fraternity in response to a questionnaire, 7,200 of which were printed and distributed to the chapters together with mailing and return envelopes. Blanks were supplied to the alumni Chapters with the full realization that it meant duplication of mailing in many instances, but with the hope that it would speed up the return by many members.

The main points of the questionnaire are as follows:

Name and Chapter.

Address and position.

I. Books published during 1925-1926—Publishing company.

II. Articles or pamphlets published—Reference.

III. Research studies completed (If for degree, indicate).

IV. Studies under way, for what purpose, and when to be completed.

V. Research Problems—Suggestions for an all-fraternity list: (1) Administrative, (2) Pedagogical, (3) Professional.

VI. The *Phi Delta Kappan:* Suggestions regarding the content of the magazine.

The questionnaires were returned to the editor of the *Phi Delta Kappan* rather than to the chapter officers for several reasons: first, the time for collecting and compiling the results was very short, due to the inability of the new editor to get into action at an earlier date; second, it was deemed good policy to relieve the chapter officers of this burdensome task which, at the best, would come at a very busy time of the year; third, it was thought wise to undertake the task of compilation in one central office in order to provide for greater uniformity of presentation; and fourth, it was supposed that more chapters would be represented by this plan. The task of compiling the returns has been a large one and, in one respect at least, a disappointing one. Some chapters are either not represented at all or else very meagerly represented. On the other hand, the returns from many of the chapters have been most gratifying and especially so in view of the late distribution of the questionnaires.

The lists of degrees granted and theses submitted are a decided departure from anything that we have had in former research numbers. These lists are arranged by institution and chapter. Some institution lists are missing, but it is hoped that those may be secured and published in the October issue. The chapter presidents were called upon to supply these lists and the response has been splendid. Any chapter not represented in these lists will doubtless exert every effort to see that their list is provided for the October number.

The questionnaires supplied a great deal more copy than could possibly be used in a single number of thirty-two pages. Much of the remaining material will be used in the October issue which is also a "Research Number," and in which the emphasis will be placed on the suggestion of problems upon which research is needed. "Studies under way" was prepared for this number but space limitations make its publication impossible at this time.

There has been considerable demand for a sentence or short paragraph expansion of all researches listed. With our present limitations, that is manifestly impossible.

Theses Toward Higher Degrees

The President of each chapter was asked to supply a list of the theses toward higher degrees in the Department of Education in his institution during the year of 1925-1926. The lists include the name, degree, and thesis title for Phi Delta Kappans. The appended lists of "Other Theses" includes the degree and thesis titles for men not Phi Delta Kappans. Some theses not appearing in these lists are reported under "Studies Completed." An attempt was made to avoid duplication wherever possible.

INDIANA UNIVERSITY
Alpha Chapter

ROBERT LEO CLEVELAND, M.A. "Native Mental Endowments of Indiana University Students Preparing for Various Vocations."

DONALD E. GORSELINE, M.A. "Estimating School Expenditures."

BLYTHE SCALES, M.A. "An Investigation of Attendance Cases in Rush County, Indiana, with Remedial Suggestions."

MERLIN S. TEMPLE, M.A. "A History of the Statements of the Aims for the Teaching of Mathematics in the Secondary Schools of the United States."

Other Theses

M.A., "History of the Statements of Aims for the Teaching of Grammar in Secondary Schools of the United States."

M.A., "Measuring a Certain Phase in Reading Ability."

M.S., "An Analysis of the Problem of Factory Teacher Training in Indiana."

UNIVERSITY OF MISSOURI
Gamma Chapter

BOWER ALY, M.A. "A Comparison of Missouri High Schools According to the Ability of their Graduates Entering the University of Missouri."

R. G. BIGLOW, M.A. "The Effect of Illness on Attendance."

S. M. BOUCHER, M.A. "The Functions of the City Superintendent of Schools in Missouri.

B. B. CRAMER, M.A. "Development of Public Education in the City of St. Louis."

C. C. CROSSWHITE, M.A. "The City School House Organ."

R. A. CROUCH, Ph.D. "Status of the Elementary School Principal."

G. W. EARLE, M.A. "A Critique of the Strayer-Engelhardt System of Accounting Based on its Use in the Smaller Type of School System."

R. L. GARNETT, M.A. "Thurstone Test Scores and University Marks."

W. H. GOZA, M.A. "Subject Combinations in High School Teachers' Programs."

C. D. GUM, M.A. "An Attempt to Shorten the Thurstone Psychological Examination."

J. C. HARMON, M.A. "Regulations of State Departments of Education Concerning High Schools."

EGBERT JENNINGS, M.A. "A Study of the Teaching Load and Teaching Costs in the Springfield, Missouri, Public Schools."

D. H. MARTIN, M.A. "Measuring Achievement in High School American History."

W. M. MCCALL, M.A. "A Critical Review of Various Conceptions Underlying Curriculum Making."

J. F. MONTAGUE, Ph.D. "Status of Senior High School Promotion Plans."

B. D. MURRAY, M.A. "A Critical Review of Types of Methods of Teaching."

C. J. PETERS, M.A. "An Evaluation of a Reorganization of the Present Core of Subject Matter in High School Physics."

E. L. SCHOTT, Ph.D. "A Study of Superior Ability in High School Seniors."

P. O. SELBY, M.A. "The Preparation of Commerce Teachers in Missouri."

T. E. VAUGHAN, M.A. "Some Recent Trends of School Finance in 20 Mid-western Cities."

WILLIAM H. ZEIGEL, M.A. "A Study of Curator Honor Students in the University of Missouri."

Other Theses

M.A., "Practical Projects in Clothing for Fifth and Sixth Grades."

M.A., "Development of Missouri High Schools since 1900."

M.A., "A Study of Improvement in a Linguistic Function."

M.A., "A Study of Music Textbooks."

M.A., "An Experiment in Teaching Beginners to Read."

M.A., "A Survey of the Work in Mathematics in the Junior High Schools of Illinois."

M.A., "The Written Vocabulary and

Spelling Efficiency of Rural School Graduates in Missouri."

M.A., "Court Decisions Influencing Education in Missouri."

M.A., "Facts Concerning the Rural Teachers of Missouri."

M.A., "Diagnostic Features of the Psychological Examination."

M.A., "The Art Education in the University of Missouri."

M.A., "The Output of Stephens College."

M.A., "Classification of Pupils in a Seventh Grade.

M.A., "A Study of the Correlation of Reading Ability with Arithmetic Ability."

M.A., "Home Reading by High School Students."

STANFORD UNIVERSITY

Delta Chapter

OSCAR A. ANDERSON, M.A. "Principles of Management in the Field of Education."

LAWRENCE BOLENBAUGH, M.A. "Relation of High School Subjects to University Success."

CHARLES W. BURSCH, M.A. "Some Personnel Problems of Teachers."

WILLIAM G. CARR, M.A. "Construction of the English Text Book."

RALPH S. CHAMBER, M.A. "Needs and Practices in Health Instruction."

EDWARD E. CURETON, M.A. "A Course of Study in General Science."

HARL R. DOUGLASS, Ph.D. "An Evaluation of Procedures in Supervised Study."

JOSEPH T. GLENN, M.A. "Legal Provisions Made by States for Junior High Schools."

JOHN F. HARGREAVES, M.A. "Elementary and Secondary Text Books from Manuscript to Publication."

WAYNE L. HAWKINS, M.A. "A Constructive Program of Extra-Curricular Activities."

D. A. MCCLAIN, M.A. "Teaching the Worthy Use of Leisure Time."

ROBERT E. REED, M.A. "Supervision of Class Room Instruction in the Small School."

ANDREW R. ROMER, M.A. "The State District as a Unit of Administration and Control."

CHARLES L. SATTGAST, M.A. "Relation of Teachers' Qualifications to their Employment."

O. I. SCHMAELZLE, M.A. "Educational Aspects of the Private (Commercial) Correspondence Schools."

A. B. SIAS, Ph.D. "The Relation of School Costs to State, County and Local Expenditures."

AUBREY G. SMITH, M.A. "Standards for the Selection of Teachers."

ROBERT R. SPENCER, M.A. "Secondary Education in Hawaii."

E. H. STAFFELBACH, Ph.D. "The Federal Government and Education."

HOWARD R. TAYLOR, Ph.D. "Differences Among Eighth-Grade Teachers as Related to School Achievement of their Pupils."

Other Theses

M.A., "Office Management in California High Schools."

M.A., "Vocational Problems in Secondary Schools."

M.A., "Relative Scholastic Attainments of Academic and Commercial Students in High School."

M.A., "Algebra Tests in High School."

M.A., "Duties and Functions of Adviser of Girls in High School."

M.A., "Mental Peculiarities of Kindergarten Children."

M.A., "Teacher-Training in the Philippines."

M.A., "The Relation of Intelligence Level to Reading Ability in the First Grade."

STATE UNIVERSITY OF IOWA

Epsilon Chapter

HOMER W. ANDERSON, Ph.D. "A Method for Determining the Housing Requirements for Junior High School Programs."

HARRY E. BENZ, M.A. "The Arithmetic of Department Store Transactions."

EARL G. BLACKSTONE, Ph.D. "Tendencies Revealed by a Study of Successive Teaching Positions Held by Iowa Commercial Teachers."

THOMAS O. BURGESS, Ph.D. "A Psychological Analysis of Abilities in High School Physics."

PAUL K. CESANDER, M.A. "A Basic High School Spelling List."

MARK H. DEGRAFF, Ph.D. "The Validity of Corrections for Chance in Objective Examinations Involving Multiple Choice."

GERRIT DEJONG, M.A. "An Historical Treatment of the Educational Burden of the Christian Reformed Church in Iowa.

WILLIAM C. FINDLEY, M.A. "The Psychology of Long Division."

RICHARD R. FOSTER, M.A. "Analysis of Validity of Corrections for Chance."

GUSTAF FREDEN, M.A. "The General

and Special Training of Certain High School Teachers in Iowa."

JAMES W. GENTRY, M.A. "Retardation, Elimination and Retention of Pupils in a Small High School."

EDWARD W. GOETCH, Ph.D. "The Kindergarten as a Factor in Elementary School Achievement and Progress."

STEPHEN C. GRIBBLE, Ph.D. "A Technique for the Determination of Unit School Costs."

EINAR AUGUST HANSEN, Ph.D. "The Effect of Certain Changes in Punctuation on Comprehension."

JAMES H. INMAN, M.A. "The Preparation of High School Teachers in Relation to the Subjects They Teach."

ELMER R. ISVIK, M.A. "High School Subject Costs."

HENRY A. JEEP, M.A. "Quotient Difficulties in Long Division."

ALBERT N. JORGENSON, M.A. "The Personnel of Iowa School Boards."

LOUIS R. KILZER, M.A. "A Comparison of Results Obtained by Teaching Spelling by Test-Study and Study-Test Methods."

OLIN S. LUTES, Ph.D. "The Psychology of Problem Solving in Arithmetic."

JAY B. MACGREGOR, M.A. "A Series of Semi-Standardized Examinations in United States History."

JOHN H. MCBURNEY, M.A. "Salary as Related to Superintendent's Estimates of Teacher Efficiency."

JESSE E. MCCRORY, M.A. "Age at Entrance of School as a Factor Affecting Progress in the Elementary Grades."

GUY VERNON NEWCOMER, M.A. "Adapting the Teaching Method to the Results of Diagnostic Tests."

FLOYD L. RUCH, M.A. "On the Defensibility of Certain Abridgements of the Stanford-Binet Examination."

ERNEST P. SIMMONS, M.A. "Which of the 5,000 Commonest Words Still Give Difficulty at the Beginning and the End of the High School Period?"

RUSSELL W. TALLMAN, Ph.D. "A Critical Analysis of Student Persistence at the University of Iowa."

ELMER E. TATUM, M.A. "The Validation of a Reading Test Exercise."

WARD TAYLOR, Ph.D. "The Significance of Choice of Unit in Standardized Scores (the Centigrade Scale)."

LAVERN J. THIES, M.A. "Analysis of Learning Times per Function in Two Fifth and Sixth Grade Arithmetics."

GEORGE E. VANDERBEKE, M.A. "Experiments in Text-Book Improvement."

GEORGE E. VANDERBEKE, Ph.D. "The Use of Objective Examinations in the Field of Modern Foreign Languages."

EDWARD F. VOLTMER, M.A. "A Comparison of Grades Made by Athletes and Non-Athletes in High Schools."

WENDELL WHITE, Ph.D. "Rate and Certain Causes of Turn-over in the Case of Iowa Public School Teachers."

Other Theses

M.A., "A Series of Objective Examinations in General Science."

M.A., "The Reliability of Certain Tests to Prognosticate Typewriting Ability."

M.A., "School Discipline as Regulated by Statute."

M.A., "Common Elements in General Science and Physics."

M.A., "A Critical Evaluation of Standardized Tests in the Social Sciences."

M.A., "The Relation Between Algebra of the College Entrance Examination Board and Algebra of the National Committee on Mathemetical Requirements."

M.A., "Educational Achievement in St. Ambrose College High School."

M.A., "An Examination of the Spelling Ability of County Normal Students in Ohio."

M.A., "The Effect of Daily Tests on Achievement in Community Civics."

Ph.D., "An Analysis and Classification o the Sounds of English Words in a Primary Reading Vocabulary."

M.A., "An Analysis of Gains in Knowledge in Educational Psychology Based on Special Technique in College Teaching."

M.A., "Quantitative and Qualitative Analyses of the Multiplication and Division Experiences in Elementary Arithmetic Texts, Grades 3 and 4."

M.A., "A Statistical Study of Certain Reading Tests."

M.A., "Comparative Reliability and Validity of Existing Tests in Elementary School Geography."

M.A., "Status of the Social Studies in the High Schools of Iowa, Grades 9 to 12."

M.A., "An Empirical Study to Test the Validity of the Spearman-Brown Prophecy Formula as Applied to Educational Tests."

M.A., "Manual Training in Iowa."

M.A., "The Effect of a Piano Accompaniment on the Rate of Learning and Retention of Song Material."

M.A., "The Relative Difficulty of Written Problems in Algebra."

Ph.D., "Specific Learning vs. General Learning in Narrow Mental Functions."

M.A., "The Social Significance of the Statistical Graph."

Ph.D., "The Validity of the New York State Regents' Examinations in the Social Studies, with Special Reference to Objective Examination Methods."

Ph.D., "Sentence Pattern as a Factor in in Comprehension."

M.A., "A Study of the Spelling Difficulties in Connection with the Comparison of Adjectives."

M.A., "What Becomes of the Graduates of Iowa High Schools?"

M.A., "Relative Cost of Instruction in High Schools Organized in Ninety-Minute Periods Compared with High Schools Organized on Forty-five-Minute Periods."

M.A., "The Validity of Portions of the University of Iowa Placement Test in English Training."

M.A., "Geology of General Science as Determined by the Geology Found in Magazines and Newspapers."

M.A., "A Critical Study of Possible Methods of Evaluating Biographies for the Purpose of Curriculum in the Social Studies."

M.A., "A Study of the Written Vocabulary of Sixth Grade Rural Children."

UNIVERSITY OF CHICAGO

Zeta Chapter

Harold A. Anderson, M.A., "A Study of Errors in Composition in the University of Chicago High School."

William G. Black, M.A. "A Comparative Study of the Public School Curricula of the Provinces of Canada."

Nelson Louis Bossing, Ph.D. "The History of Educational Legislation in Ohio from 1851-1900."

William J. Breit, M.A. "A Survey of Practical Arts and Vocational Education in the Public Schools of Arkansas."

Edward W. Britt, M.A. "The Educational Aspects of the Young Men's Christian Association of North America."

William A. Brownell, Ph.D. "An Experimental Study of the Development of Number Ideas in the Primary Grades."

James B. Edmonson, Ph.D. "The Legal and Constitutional Basis of the Public School System of Michigan."

Carter Victor Good, Ph.D. "An Experimental Study of the Merits of Extensive and Intensive Reading in the Social Sciences."

Leroy W. Hanna, M.A. "The Relation of Discipline in High Schools to the Intelligence Quotients of the Students."

Cecil F. Humphreys, M.A. "The Determination of the Vocabulary of Mathematics Text Books in the Junior High School."

John H. Hutchinson, M.A. "The Legal Right to Public School Attendance in the United States."

Ole Jacobsen, M.A. "An Analysis of Eye Movements in Reading Music."

George Johnson, M.A. "The Objective of the Training of a Tool-maker."

John H. Johnson, M.A. "Content of American History as Determined by a Study of Questions Used in Examining Applicants for Certificates to Teach."

Robert Lambert, M.A. "A Social and Economic Survey of the High School Students of White County, Indiana."

Harvey C. Lehman, Ph.D. "The Play Activities of Persons of Different Ages."

Clifford Maddox, M.A. "The Relationship of Mental Ability, Reasoning Ability, and Reading Ability to School Achievement."

J. C. McElhannon, Ph.D. "The Financial Condition of Public School Systems in Certain Texas Counties."

John C. McMillan, M.A. "The Trend of Statistical Relation to the Public School from 1900-1924."

George R. Moon, M.A. "Some Experiments with the Teaching of History in High School."

Howard F. Munch, M.A. "The Trend of Educational Thought as Revealed by an Analysis of the Year Books of the National Society for the Study of Education."

John Marshall Nason, M.A. "International Relation as Revealed by Editorials, Cartoons, and Text-Books in American History."

Daniel Podoll, M.A. "The Legal Status of Physical and Health Education in the Public Schools."

George Ranne, M.A. "The Legal Status of Religious Education in the Public Schools of the United States."

Floyd W. Reeves, Ph.D. "The Unit of School Finance in Illinois."

Walter C. Snow, M.A. "A Study of the Relation Between Mental Status and Classroom Achievement of Public School Pupils."

CHARLES A. STONE, M.A. "A Comparison of the Mathematical Ability of Junior High School Pupils and Senior High School Pupils."

RALPH E. STRINGER, M. A. "Tendencies Toward Centralization in the Public School System of Illinois."

OSCAR A. TINGLESTAD, Ph.D. "The Religious Element in American School Readers up to 1830: A Bibliographical and Statistical Study."

JOHN A. WALDRON, M.A. "A Study of the Financial Support of Public Education in Clark County, Kansas."

HENRY C. WITHERINGTON, M.A. "A History of the High School Movement in Tennessee."

Other Theses

Ph.D., "Objective Determination of a Curriculum for the Training of Kindergarten and Primary Teachers."

M.A., "The Value of a Psychological Examination in Predicting Freshman Grades in College."

M.A., "An Analysis of the Most Popular High School Books in Literature."

M.A., "A Statistical Study of Scores on Reading Tests Made by Junior High School Pupils.

M.A., "A Study of the Careers of the Members of a High School Class."

M.A., "The Duties and Responsibilities of the Supervisor."

M.A., "A Remedial Method for Problem Solving in Third Grade Arithmetic."

M.A., "The Development of the Public High School in Illinois, from 1860-1924."

M.A., "History and Other Social Studies in Junior High School."

M.A., "History in American Elementary Schools."

M.A., "Validation of Tests of Dexterity."

M.A., "A Study of Rapid Acceleration in the Elementary School."

M.A., "Cases of Spelling Disability: Their Diagnosis and Treatment."

M.A., "A Study of Conflict Involved in the Use of Different Languages."

M.A., "The History of the Certification of Teachers in Alabama."

M.A., "A History of Algebra as a School Study in the United States."

M.A., "The High School as a Social Center."

M.A., "A Study of the Mathematics Involved in the Field of Auto Mechanics."

M.A., "The Status of the Written Examination in the Four-Year Accredited Secondary Schools in Oklahoma."

M.A., "The Effect of Co-operation in Developing Language Habits.

M.A., "A Comparison of the Accomplishment Ratios of Two Selected Groups in Ninth-Grade English."

M.A., "Significant Aspects and Activities of Bolivia as Revealed by an Analysis of Newspapers."

M.A., "The Correlation of Intelligence and Scholarship in High School Subjects."

M.A., "The Value of Moving Pictures in Study of Agriculture."

M.A., "A History of Educational Legislation in Indiana from 1785-1852."

M.A., "The Validity of the Age-Grade Relationship as a Measure of Retardation."

M.A., "Trends in the Training, Experience, and Salary of Teachers as Revealed by the School Surveys."

M.A., "An Objective Method of Selecting Appropriate Geographical Readings for Fourth-Grade Pupils."

M.A., "The Social Composition of the High School Population in Oklahoma."

M.A., "The Seven Versus Eight-Year Elementary School as a Basis for Preparation for College."

M.A., "A Comparative Study of Four Factors in Holding Class Group Attention."

M.A., "A Survey of the Teaching of Science in the Accredited High Schools of Idaho."

M.A., "Approved Social Behavior as Revealed in Recent Literature."

M.A., "A Case Study of Adolescent Girls by Means of Mental Achievements and Temperamental Tests."

M.A., "A History of the Teachers Colleges of Missouri."

M.A., "The Geometry of the Junior High School."

M.A., "An Analysis of Study Questions Found in Text Books of Intermediate Grades."

M.A., "College Entrance Requirements in the United States."

M.A., "An Analytical Study of the Chemistry in Agricultural Publications."

M.A., "The General and Specific Types of Technique in the Classroom."

M.A., "Latin in Current Periodicals and Newspapers."

M.A., "A Scale for Measuring High School Text Books in History."

M.A., "A Study of School Costs in the

Central Young Men's Christian Association of Chicago."

M.A., "Behavior Traits of School Children."

M.A., "The Value of Study Before a Recitation as Compared with Study After a Recitation."

M.A., "A Study of the Performance Progress in Algebra of Supertypical, Typical and Subtypical Groups."

M.A., "A Study of the Value of Spelling Instruction for Commercial Students in Secondary Schools."

M.A., "The Contractual Power of Boards of Education with Regard to School Property."

M.A., "A Survey of Speech Defectives in the Public Elementary Schools of South Dakota."

M.A., "The History of Negro Education in Alabama."

M.A., "Facts that Indicate Success or Failure in Mathematics."

M.A., "The Relation of Chronological Age to Success in the University."

M.A., "A Comparative Study of Textbooks in Arithmetic."

M.A., "An Analysis of the Habits of Study of Superior High School Students."

M.A., "An Analysis of the Basic Information Utilized in Employing Teachers in United States."

M.A., "A Study of School Printing to Determine the Most Common Errors in Composition Proofreading."

M.A., "The History of the Rural School Consolidation Movement in Kansas."

M.A., "Human Activities Approved in the Religious Literature of the World."

M.A., "Certain Factors Conditioning Curriculum Construction in Mexico."

M.A., "The History of the Development of the High Schools of Louisiana."

M.A., "An Analysis of the Graphic Representation of the Human Figure as Drawn by Children in Different School Grades."

HARVARD UNIVERSITY

Iota Chapter

WINFIELD D. ARMENTROUT, Ed.D. "The Conduct of Student Teaching in State Teachers Colleges."

GUY PRATT DAVIS, Ed.D. "A Plan for Special School Training Under Public School Auspices."

GODFREY DEWEY, Ed.D. "A System of Shorthand for General Use."

IRA FLINNER, Ed.D. "Measuring the Intelligence and the Scholastic Efficiency of High School Students."

FRANK S. FREEMAN, Ed.D. "The Influence of Educational Attainment Upon Tests of Intelligence."

BENJAMIN F. FRONABARGER, Ed.D. "Vocational Guidance for State Teachers College with Particular Application to the State of Texas."

SIDNEY B. HALL, Ed.D. "A Study to Test the Comparative Efficiency of Classroom Periods of Different Time Allotments."

CLARENCE E. PARTCH, Ed.D. "Educational and Vocational Guidance with Certain Implications for Guidance in Rural Schools."

FRANCIS T. SPAULDING, Ed.D. "The Small Junior High School: Its Possibilities and Limitations."

STUART M. STOKE, Ed.D. "Occupational Groups and Child Development. A Study of the Mental and Physical Growth of Children in Relation to the Occupational Grouping of Parents."

RALPH WILBUR WALTER, Ed.D. "The Bases of Classification into Ability Groups."

Other Theses

Ed.D., "The Professional Preparation of Teachers for Secondary Schools in the United States."

Ed.D., "The Problem of Life and the Problem of Education as Viewed by Ancient Chinese Thinkers—with Constructive Analyses and Suggestions Towards a Philosophy of Education."

Ed.D., "Tests in American History, with Special Reference to the Improvement of Instruction."

Ed.D., "A Study of the Results of Mentimeter Tests."

Ed.D., "The Hampton Studies of Occupations for Men."

Ed.D., "An Experiment in the Analysis of the Use of Language by High School Students."

UNIVERSITY OF KANSAS

Kappa Chapter

MILTON C. CUMMINGS, M.A., "Educational Environment."

ORBIE E. MICHIE, B.S. in Ed. "Trait Ratings of Two Groups of Boys Differentiated with Respect to Diversity of Play Interests."

HARRY F. PERCIVAL, M.A. "A Study of High School Failures."

WILLIAM S. ROBB, M.A. "An Analysis of Reading Test Results in Several Kansas High Schools."

S. H. STARK, B.S. in Ed. "Rating of One-Hundred Rural Homes."

EVAN RAY STEVENS, M.S.Ed. "Certain Prognostic Values of Mental Tests in the Leavenworth, Kansas, High School."

GEORGE G. STRUBLE, M.A. "An Analysis of Some Reading Difficulties of High School Students."

ALBERT J. VENNING, M.A. "A Comparative Study of Achievement and Costs in Certain High Schools of Kansas."

RAMORE B. Walcher, M.A., "The Depreciation of High School Buildings in Topeka and Kansas City, Kansas."

Other Theses

M.A., "A Study of Biography as a Factor in the Curriculum of the Elementary School."

M.S., "A Study of Vocational Agriculture as Taught in Kansas High Schools."

M.A., "A Study in the Relative Frequency and Persistency of Technical Errors in Written Composition."

M.A., "A Study of Sewing as a Subject of Instruction in the Schools of Kansas."

M.A., "A Comparative Study of Three Methods of Rating Teachers; Viz., Rating by the Building Principal, Self-Rating by the Teacher, and Composite Judgment Rating."

M.A., "A Study of the Correlation of Some Personality Traits of High School Students."

M.A., "A Comparative Study of University Grades with Special Reference to Transfer Students from Other Colleges."

M.A., "A Study of the Kent Rosanoff Association Test as a Measure of Social Adaptability."

B.S. in Ed., "Two Types of History Material, and Results in Seventh Grade."

B.S. in Ed., "A Study of Left-Handedness in School Children."

B.S. in Ed., "A Study of Some Phases of Pupil Attendance in the Junior High Schools of Kansas City, Missouri."

B.S. in Ed., "School Achievement of White Children and Negro Children in the Elementary Grades."

M.A., "Status of the Superintendent's Professional Training, Experience, Tenure, and Professional Freedom."

M.A., "A Study of Some Facts Concerning the Senior High School of Springfield, Missouri."

M.A., "The Relationship Between the Bible Knowledge Scores and School Conduct Ratings of Certain High School Students as Compared with the Relationships Between Their School Achievements in Literature, History and Conduct."

UNIVERSITY OF TEXAS

Mu Chapter

L. S. ADAMS, M.A. "Selecting, Assigning and Starting the New Teacher."

L. B. COOPER, M.A. "The Status of Social Science in Texas High Schools for the School Year 1924-5."

W. F. LEDLOW, Ph.D. "Protestant Education in Texas."

J. N. MOSELEY, M.A. "A History of the State Teachers Association in Texas up to 1910."

O. A. ULRICH, Ph.D. "An Experimental Study of the Effect on Learning of Sectioning College Classes on the Basis of Ability."

UNIVERSITY OF WASHINGTON

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CARL SPURGEON BELL, M.A. "A Comparison of Six Systems of Handwriting."

PARKER L. NORTON, M.A. "Early Indications of Delinquency in Problem Boys."

ELMER T. THUNE, M.A. "The Place and Functions of Supervisors of Special Subjects in City Schools Systems."

WALLACE T. WAIT, M.A. "A Study of the Criteria for the Selection of High School Teachers."

Other Theses

M.A., "Secondary Education in the Philippines."

M.A., "Thrift Teaching in the Public Schools as Exemplified in the School Savings Bank."

M.A., "Education in Burma."

M.A., "Sketch of the High School Training Classes in Oregon with Some Evaluations and Comparisons."

M.A., "An Experimental Study of the Effect of Vertical and Horizontal Alignment and of the Use of Punctuation Marks Upon Rate of Reading the Chinese Language."

UNIVERSITY OF ILLINOIS

Pi Chapter

MAX D. ENGELHART, M.S. "The Objectives of High School Chemistry."

LEE O. GARBER, M.S. "History and Present Status of Military Training in Land-Grant Colleges."

CHESTER A. GRAHAM, M.A. "Some Basic Considerations in Formulating a Course of Study for Adult Immigrant Education."

LEWIS R. JOHNSON, M.S. "A Comparison of the Trend of the Objectives and the Curriculum of Secondary Education."

WALTER L. PAYNE, M.S. "The Educational Guidance of Public Secondary School Students in the Election of Curricula and Subjects Within a Curriculum."

LAURELL L. SCRANTON, M.S. "An Analysis of Marketing Instruction in Vocational Agriculture."

ROY BECKER TOZIER, M.A. "An Analysis of the Visual Aids in High School Civics Textbooks."

OSCAR F. WEBER, Ph.D. "The Direction of Learning Outside of the Class Recitation Period."

Other Theses

M.A., "A Study of the Supervisory Problem of Certain Rural High Schools."

M.A., "Secret Societies in the Public High Schools."

M.A., "The Organized Direction of Boys' Time Within and Without the Modern High School."

M.A., "A Study and Comparison of the Aims, Text-books and Methods Used in the Teaching of the First Two Years of Latin in England."

M.A., "Providing for the Individual Differences of High School Pupils by a Plan of Sectioning Classes on the Basis of Ability."

M.A., "The Grades and Athletic Abilities of University Freshmen in the Coaching Course."

M.A., "The Need of Vocational Education for Boys in a Rural Town High School."

M.S., "The Agricultural Project as a Factor in Vocational Guidance."

M.S., "What Should Be the Vocational Guidance Procedures of the High School?"

OHIO STATE UNIVERSITY

Sigma Chapter

GEORGE C. BEERY, M.A. "Factors Determining School Boundaries in Franklin County, Ohio."

HARRY GLENN DENIUS, M.A. "The Legal Status of the School Attendance Official in the Several States."

HAROLD A. EDGERTON, M.A. "Predicting Academic Mortality."

CLARENCE E. ERFFMEYER, Ph.D. "Some Uses of Intelligence Tests in College and University Administration."

VERNON A. GARVER, M.A. "Unit Costs of Instruction in the High Schools of Six Ohio Counties."

WILLIAM H. HARTER, M.A. "Libraries of the Rural High Schools of Ohio."

BRYAN HEISE, M.A. "A Study of the Practice Effect of the Kirby Grammar and the Charter's Diagnostic Language Tests."

ALBANUS B. KITZMILLER, M.A. "Some Investigations Regarding the Vocabulary Problem in Elementary Chemistry."

GRANT W. LEMAN, M.A. "Survey of a Six-Year High School."

GEORGE H. LITTLE, M.A. "Some Factors Which Should Affect the Re-organization of the Curriculum in the High School at Zanesville, Ohio."

NOTLEY S. MADDOX, M.A. "Puritanism and the Democratic Ideal in Education."

HERMAN ERVIN MICHAEL, M.A. "The Interest of Ohio's State Department of Public Instruction in School Sites, Buildings, and Equipment."

ETHAN A. PAISLEY, M.A. "Trend of School Costs in Ohio."

RAYMOND R. PECK, M.A. "Case Studies of Individual Diffculties in Science Courses."

LLOYD W. REESE, M.A. "Selecting the City School Site."

SAMUEL RENSHAW, Ph.D. "Apparatus and Experiments on the Postural Stability Component in Human Behavior."

THEODORE L. SCHOLTZ, Ph.D. "Scientific Method and Educational Theory."

HENRY E. SCHRAMMEL, Ph.D. "The Organization of State Departments of Education."

JOHN T. SEATON, JR. M.A. "An Analysis of Mistakes in English Composition Made by Children in Grades Three to Six."

ROBERT E. SMITH, M.A. "A Study of Student Self-Rating and Ability in Measuring."

GEORGE R. SNYDER, M.A. "Health of Rural Teachers."

FRANK M. THORNBURG, M.A. "A Study to Determine Whether the Correlations of Teachers Judgments with Intelligence Test Scores Can Be Made the Basis of School Supervision."

JAMES M. TURNER, M.A. "The Business Management of Village and Rural Schools in Ohio."

RANDOLPH L. VAN SCOYK, M.A. "A Study of the Use of Standardized Tests in the Junior and Senior High Schools of Ohio."

ANDREW T. WEAVER, M.A. "Methods of Measuring Teaching Efficiency."

DEAN A. WORCESTER, Ph.D. "Some Application of Modern Methods of Scientific Curriculum Building to a First Course in Educational Psychology."

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M.A., "A Study of the Training, Esperience and Salaries of the Rural High School Teachers of Ohio."

M.A., "A Study of Technical Vocabularies in Public School Mathematics."

M.A., "A Study of Family, Social and Personal Histories, and Juvenile Theft."

M.A., "The Sentiments of College Women."

M.A., "Methods of Character Education in the Public Schools."

M.A., "The Place of Phys cal Education in an Educational Program."

M.A., "The Determination of Error in Aligning a Target with Stationary Sights."

M.A., "An Analysis of Study Difficulties With Special Reference to French."

M.A., "An Analysis of Basic Tendencies as Displayed in Activities of Rural Teachers."

M.A., "The Technical Vocabulary Problem in English Literature and American History."

M.A., "A Study of the Physical and Mental Development of Children Under Two Years of Age."

M.A., "Analysis of Study Methods and Difficulties with Special Reference to English."

M.A., "Sex Education in the Public Schools."

M.A., "A Comparative Study of Gymnastics and Intelligence."

Ph.D., "The Effect of Attitude on Association."

Ph.D., "Religious Fanaticism."

M.A., "The Organization and Administration of Extra-Curricular Activities in the Cities and Exempted Villages of Ohio."

M.A., "Preparation of Teachers for the Platoon School."

M.A., "A Study of Judgements by the Method of Paired Comparisons Versus Group Order of Merit."

M.A., "An Analysis of Student Difficulties in Study."

M.A., "A Survey of School Finance in Galion, Ohio."

M.A., "An Experimental Study of Two Types of Teaching Procedure in Geometry."

Ph.D., "Religious Aspects of Suggestive Therapeautics."

M.A., "How to Teach the Constitution."

M.A., "The Application of Statistical Methods to Clinical Procedure."

M.A., "A Comparative Study of the Emotions in Structuralistic and Behavioristic Psychology."

M.A., "The Development of a Diagnostic Test on Grammatical Terminology."

M.A., "The Method of Job Analysis, as Applied to Moral Education."

M.A., "Health Education as a Part of a Comprehensive Educational Program."

M.A., "A Diagnostic Test in Arithmetic Reasoning."

M.A., "An Analytical Study of Nine Land Grant Schools for Negroes."

M.A., "Factors Determining Rural School District Boundaries."

M.A., "An Analysis of Pupil Difficulties with Word Problems in Arithmetic."

M.A., "An Investigation of Some of the Study Methods of College Students."

M.A., "A School Building Program for Lorain, Ohio."

M.A., "The Relationship Existing Between the Intelligence Quotient and Teachers Marks When Checked by the Accomplishment Quotient and Case Studies."

NORTHWESTERN UNIVERSITY

Upsilon Chapter

E. S. BOYER, Ph.D. "The Development of Religious Education in Higher Institutions."

F. E. CLERK, M.A. "Plan of Personnel Work for High School Pupils."

CARL R. KEELER, M.A. "A Study of the School Lunch Based on Data Collected from 79 Rural Schools."

F. G. LANKARD, Ph.D. "An Historical Survey of the Sunday School Curriculum."

RAYMOND W. PORTER, M.A. "A Survey of Courses in Education and Psychology Leading to the B.A., B.S., or Ph.D. Degrees in Colleges and Universities of the North Central Association."

JAMES L. ROBB, M.A. "A Study of Methodist Secondary Schools."

A. MERLIN SONES, M.A. "Physics Teaching in Illinois High Schools."

R. L. WILLIAMS, M.A. "Factors in the Religious Development of the Individual as Shown in Case Study of 48 Persons."

Other Theses

M.A., "The Educational Responsibility of the Suburban Church in Relation to High School Group."

M.A., "A Study of the Selection of Biblical Materials in International Graded Lessons for Junior and Senior High Schools."

M.A., "The Most Common Difficulties Met in Teaching Religion."

M.A., "A Critical Study and Estimate of the Junior Group Lessons."

M.A., "A Study of the Educational Value of the Evangelical Catechism in Program of Religious Education."

M.A., "Development and Present Status of Teacher Training in Presbyterian Church of the United States."

M.A., "A Case Study of the Moral and Religious Training of Fifty Delinquent Girls."

M.A., "An Evaluation of Selected Types and Programs of Week-day Church Schools."

M.A., "A Survey of Bible Story Books for Children."

M.A., "An Evaluation of 25 Selected Hymns for Early Adolescent Girls."

M.A., "A Course for the Standard Training School in Materials and Methods of Worship."

M.A., "A Study of the Higher Education of Women in the United States."

GEORGE PEABODY COLLEGE FOR TEACHERS

Psi Chapter

L. A. Allison, M.A. "A Comparative Study of Rural School Support in North Texas."

Herbert R. Barker, Ph.D. "A Study of the Simple Integral Processes of Arithmetic."

L. C. Caldwell, M.A. "The Relation of Pupil Activity to Achievement."

J. C. Coleman, M.A. "A Proposed Minimum Salary Schedule for the Superintendent of the Independent School Districts of Texas."

Clarence B. Collier, Ph.D. "The Work of the States Teachers College Dean."

Earl A. Collins, Ph.D. "Classification of Chartered Schools in Missouri."

Howard A. Dawson, Ph.D. "Standards of Expenditures for the Principal Items of City School Costs."

J. D. Falls, Ph.D. "Job Analysis of the State High School Supervisor in the United States."

F. A. Ford, M.A. "Supervisory Campaigns and the Elimination of Retardation, Palcosieu Parish, Louisiana."

T. J. Golightly, Ph.D. "The Present Status of the Teaching of Morals in the Public High Schools."

J. H. Hutchinson, M.A. "A Study of the Training and Experience of Critic Teachers."

Lyle H. Lanier, Ph.D. "Prediction of the Reliability of Mental Tests and of Tests of Special Abilities."

M. A. Leiper, Ph.D. "A Diagnostic Study of the Errors Made by College Freshmen in Their Written Compositions."

C. O. Moore, M.A. "A Plan for the Re-Apportionment of Arkansas State Public School Fund."

T. H. Napier, Ph.D. "Trends in Teacher Training."

Burney L. Parkinson, Ph.D. "Professional Preparation for Teachers in South Carolina."

J. J. Wilson, M.A. "Causes for Schools Failing to Secure Social Science Credits in Texas."

C. L. Yates, M.A. "The Selective Character of Secondary Education in Southeast Missouri."

Other Theses

M.A., "Project vs. Topic Discussion Method for Practical Applications of Physics."

M.A., "General Mathematics for the High School."

M.A., "A Study of the Value of Supervision in Consolidated Schools."

M.A., "Some Relations Between Elementary and Junior High School Marks."

M.A., "A Comparison of Mental Age Scores, on Certain Intelligence Tests."

M.A., "Industry and Art in the Early Elementary Grades."

UNIVERSITY OF OKLAHOMA

Alpha-Alpha Chapter

Charles R. Barrick, M.S. "A Study in Religious Fanaticism—The Penitentes of the Southwest."

Hale V. Davis, M.S. "Administration of the Exchange Avenue Baptist Church. A Problem in Church Standardization."

Byron Fullerton, M.S. "A Standardized Test in Bible Knowledge."

Funston F. Gaither, M.S. "The Present Status of Teacher Training in the United States."

Marshall Wyley Gregory, M.S. "A Method of Recording School Costs to Facili-

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Send copy for publication direct to the editor. Chapters should carefully edit all copy before sending it in. Members in the field are invited to send communications and contributions to the editor.

CO-OPERATION

The production of each copy of the *Phi Delta Kappan* depends upon the co-operation of the membership of Phi Delta Kappa at large, the chapter officers in each center, and the national executive committee as represented by the historian and editor. This issue is peculiarly a co-operative number with the central national office doing most of the work. The expense has been at a minimum for each chapter and at a maximum for the national office. Perhaps this is the proper balance to maintain for the expense of such a number. The prompt and extensive returns would seem to indicate approval of the plan which we followed.

Doubtless some of the chapters had closed for the summer and the officers had departed before the questionnaire reached them. This will account for the fact that some chapters are not represented in this issue. This is but another way of saying that the central office was a little short on its part in the co-operation. That we hope to overcome, as time will tell. It is entirely possible that some chapter officers and many of the individual members were a little slow to get into action in this matter even when the blanks reached them in ample time. Which is to say, they were to that extent short in their part in the co-operation. We hope the time will come when a reasonable request may receive a one hundred per cent ready return.

We would speak for the future and urge that each chapter maintain a permanent chapter mail address as a part of its responsibility to the central office and to its own membership. Most chapters have already made this provision. In addition, provision should be made for regular attention to the fraternity mail during the summer months as well as during the time that the chapter is in session.

THIS ISSUE

The fraternity at large, and especially the editor of the *Phi Delta Kappan*, is very much indebted to Brother E. L. Keezel, of Zeta Chapter, formerly of Chi Chapter, for his helpful counsel in planning for this issue and for his untiring and willing assistance in the compilation of data contained herein. He has been, in every sense of the word, an assistant editor and he is deserving of full credit for his contribution of time, energy and thought.

Several members of Zeta Chapter and their wives assisted in the preparation of the material for the mails, giving a number of hours of strenuous effort to the task. We gratefully acknowledge their valued assistance.

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William C. Herring, M.S. "How to Mobilize the Forces in Country School Improvement."

Richard B. Knight, M.S. "A Study of Factors Affecting Scholarship in a College Fraternity."

T. T. Montgomery, M.S. "The Junior High School in Oklahoma."

Ferman N. Sawyer, M.S. "A Job Analysis of the Work of a Superintendent of Schools."

Arty Boyd Smith, M.S. "The Mental and Educational Status of Oklahoma Public School Children."

George C. Stevens, M.S. "A Course of Study for Parent-Teacher Association."

Other Theses

M.S., "An Experiment with Project Teaching in Geography."

M.S., "The Study of a Scale for the Measurement of Teaching Through Pupil Activity."

M.S., "Duties Performed by Visiting Teachers in United States."

M.S., "The Construction of Performance Tests for the Direct Measurement of High School Students and Other Groups and Individuals in the Use of the Post Office."

M.S., "Proposed List of Outside Reading Books in Junior High School."

KANSAS STATE AGRICULTURAL COLLEGE

Alpha-Delta Chapter

JACK W. DUNLAP, M.S. "A Battery of Prognostic Tests for Mathematics."

ROY C. LANGFORD, M.S. "Statistical Evaluation of Thorndike Intelligence Tests." (See "Studies Completed.")

ISAAC V. MARTIN, M.S. "The Development of Supervision in the School System of Kansas."

L. T. PERRILL, M.S. "Survey of Dorrance Rural High School."

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M.S., "Selective Characteristics of the Public High School."

M.S., "The Problem of Religious Education in Public Schools."

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Alpha-Epsilon Chapter

EDWARD CONLEY CLINE, M.A. "The Merit System in California High Schools."

RALPH FRANKLIN ESSERT, M.A. "The Influence of Scientific Research on Methods of Teaching Primary Reading as shown by the Study of Reading Manuals."

WILLIAM MCKEE FISK, M.A. "The Relation Between Business Arithmetic and Business Practice."

BURTON OTTO GREENING, M.A. "An Anaylsis of Occupational Information Texts."

KARL KENNETH HEILMAN. M.A. "Achievements of California High School Seniors in Reading Comprehension, Vocabulary and Spelling."

BERNARD ROBERT HIGLEY, M.A. "A Plan for the Use of Individual Achievement Norms in Marking."

DONCASTER GEORGE HUMM, M.A. "The Questionnaire in the Case Study of Pupil Failures."

HERBERT POPENOE, M.A. "The Distribution of Costs of Instruction in the Junior and Senior High Schools of the City of Los Angeles, California."

WALTER HENRY POTTER, M.A. "A Junior-Senior High School Language Error Test."

WILLARD A. SCHURR, M.A. "Pupil-Teacher Relationships Leading to Maladjustment."

NEWTON BRADFORD TRENHAM, M.A. "A Critical Study of the Factors Influencing the College Scholastic Record."

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M.A., "The Study of the Development of Education in Modern Egypt."

M.A., "The Development of Supplementary Reading in Connection With Elementary School Geography Course."

M.A., "Certain Elements in the Education of Successful Men That Have Functioned in Their Vocations."

M.A., "Abilities of California High School Seniors in Handwriting, Descriptive Composition, and the Writing of Narrative Social Letters."

M.A., "Financial Guidance in the High School."

M.A., "Some Educational Achievements of Pupils of Superior Mental Ability in Segregated Groups in Elementary Schools."

M.A., "A Study of Personnel Work in Higher Education."

M.A., "Trends in Instruction in Bookkeeping Since 1890."

M.A., "Contributions of 'Idylls of the King' to Certain Objectives of Education for Citizenship."

M.A., "A Study of Grouping in English Classes of Literate Foreign Students."

M.A., "A Study of the Reliability of College Examination Grades."

M.A., "The Place of the Newspaper in the Study of the Social Sciences."

M.A., "The Objectives of Adult Education as Related to Present Social Conditions."

M.A., "Educational Development in Southern Appalachia."

M.A., "Trends in the Teaching of the Introductory Course of Civics in the Public Schools."

M.A., "Duties of the Home Teacher in Southern California."

M.A., "Criticisms of the Content and Methods of Instruction in Life Science in Secondary Schools."

M.A., "A Study of the Activities of the School Counselor."

M.A., "A Study of the Vocabularies in the First Two Years of a Typical French Course in Senior High School."

M.A., "The Mathematical Abilities of Seven Hundred Thirty-Eight Freshmen."

M.A., "A Study of Methods in Vocational Education in the Old Spanish Missions."

M.A., "Measures for Increasing the Vocabulary of Elementary School Children."

M.A., "An Experiment with a Nutrition Class at Normandie Avenue School."

M.A., "The Educational Ideals of John Ruskin."

M.A., "A Study of the Content and Methods Employed in the Teaching of Economics in the Secondary Schools with Special Reference to the Period Following 1893."

M.A., "The Prognostic Value of Thorndike Intelligence Examination Scores on College Success for Two and Three Semesters at the University of Southern California."

M.A., "Phases of the Corrective Physical Education Movement with Special Reference to the Work Being Done in the Los Angeles Public Schools."

M.A., "The Drama and Dramatic Literature in the High School."

M.A., "The Reduplication of Material in the Social Science Courses."

M.A., "Student Life in Chinese Secondary Schools."

M.A., "An Analysis of Certain Tests of Mental Ability."

M.A., "A Follow-up Study of Pupils Who Have Been Enrolled in a Development School of the Los Angeles City Schools."

TEMPLE UNIVERSITY

Alpha-Eta Chapter

STANLEY D. BIRATH, M.S. in Ed. "Standard Progressive Achievement Test in Bookkeeping."

EDWARD EWING, M.S. in Ed. "Laboratory vs. Demonstration Method of Teaching Chemistry in Junior High School."

OSCAR E. GERNEY, M.S. in Ed. "Malnutrition."

JOHN W. HITNER, M.S. in Ed. "A Study of Physical Skills in Activities Natural to the High School Boy."

JOHN KISTENMACHER, M.S. in Ed. "Physical Achievement as Determined by Age, Weight, Height."

FREDERICK A. RAINEY, M.S. in Ed. "A Critique of Dactylic Hexameter in English Verse."

WILLIAM W. REICHELT, M.S. in Ed. "Mental Pathology, A Study of Mental Abnormalities Among the Mentally Diseased During Childhood."

WILLIAM C. SPARKS, M.S. in Ed. "Single Standard in Relation to Composite Standard of Physical Efficiency."

FRANCIS A. WADE, M.S. in Ed. "Calibration Analysis of the Philadelphia Group Test of Mental Ability."

JOHN L. WALDMAN, M.S. in Ed. "A Study of the Sources and Quality of the Student Supply of the Philadelphia Normal School."

UNIVERSITY OF NORTH DAKOTA

Alpha-Theta Chapter

W. H. PAULSON, M.A. "Improvement of Teachers in Service."

JOHN C. WEST, M.A. "Practice Teaching in City Schools."

Other Theses

M.A., "Religious Education."

COLORADO STATE TEACHERS COLLEGE

Alpha-Mu Chapter

ROBERT H. MORRISON, M.A. "An Analysis of the Demands Made in the Employment and Retention of Teachers."

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M.A., "A Method of Increasing the Proportion of State School Tax in Kansas."

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M.A., "The Trinidad Plan of School Reorganization."

M.A., "The Efficiency of Various Methods of Transportation in the Schools of Colorado."

M.A., "A Public Junior College for McKinney, Texas."

M.A., "Social Leadership in the High School."

M.A., "The Professional Preparation of Teachers of the Social Sciences in the Secondary School."

M.A., "The Relation Between the Training Received and the Positions Held by the Two-Year Graduates of Colorado State Teachers College, 1923-24."

Studies Completed

Alpha

THOMAS J. BREITWIESER. "Distribution of Teaching Subjects on Combination of Subjects Taught in the Commissioned High Schools of Indiana."

DON L. ESSEX. "Analysis of the Employment of Adolescents, 1921-1925, in Indiana under the State's Employment Certificate Plan." For M.A. Thesis.

JOHN T. JOHNSON. "A Self-Diagnostic Test in Arithmetic." This was based on a detailed analysis of each of the processes into their unit skills of Addition, Subtraction, Multiplication, Short Division and Long Division.

LEWIS EDGAR ROGERS. "The Political Career of Schuyler Colfax."

Beta

ADAMS LEVERETT ALLEN. "Studies on the Ear of Natrix."

TRACY THOMAS ALLEN. "Report of the General Curricular Revision Committee to the Board of Normal School Principals."

EARL W. BARNHART. "Organization and Management of Conference Courses for Retail Grocers."

LESTER W. BARTLETT. "State Control of Private Incorporated Institutions of Higher Education." For Ph.D. degree.

JAMES RICHARD BARTON. 1. "The Ideals of Youth."

2. "The Measurement of Pupils' Interest in Primary Readers."

W. A. BARTON, JR. "The Effect of Group Activity and Individual Effort in Developing Ability to Solve Problems in First Year Algebra."

CHARLES E. BENSON. "Locating the Errors in Spelling."

FOWLER D. BROOKS. "Relative Accuracy of I-Q's from Various Pairs of Group Intelligence Tests."

FRANCIS D. CURTIS. 1. "A Study of the Vocabulary of Scientific Articles Appearing in Daily Newspapers."

2. "Laboratory Experiments in Physics Required in Nine Detroit High Schools." (Joint worker with Howard Y. McClusky.)

3. "A Modified Form of the True-False Test." (Joint worker with Howard Y. McClusky.)

NED H. DEARBORN. "The Social Studies in Normal Schools and Teachers Colleges."

G. C. GAMBLE. "Directed Study of Chicago's Administrative System." Under auspices of School Board.

HIRSCH LOEB GORDON. 1. "Current Problems in Jewish Education." For M.A. thesis.

2. "Identifications of Proper Names in the Old Testament."

3. "The Sacredness of Utterance and Writ."

F. E. HARSHMAN. "Study of Intelligence as Related to Achievement by a Four-Way Testing Program Dealing with 350 Senior High Pupils."

EDGAR W. KNIGHT. 1. "The Danish Folk High Schools."

2. "Readings in Southern Educational History."

EMIL L. LARSON. "One Room and Consolidated Schools of Connecticut. A Comparative Study of Teachers, Costs, and Holding Power." For Ph.D. thesis.

THEODORE F. LENTZ, JR. "An Experimental Method for the Discovery and Development of Tests of Character." For Ph.D. thesis.

LEONARD LUNDGREN. "Why Children Leave Full-Time Schools."

J. O. MCLAUGHLIN. "Present Status of Physical Training for the Adolescent Girl."

CYRUS D. MEAD. 1. "An Experiment in Visual Versus Teaching Methods."

2. "Scaling Lessons Taught."

CHARLES EVERETT MYERS. 1. "An Experiment in the Objective Rating of Agricultural Teaching Efficiency."

2. "A Three-Year Study of Intelligence Scores of Rural Secondary School Pupils."

RAYMOND BOYD NELL. "Study of Entrance Requirements of Three Hundred Colleges and Universities in the United States."

JACOB S. ORLEANS. "A Study in Latin Prognosis," including the evaluation of four prognostic factors.

ARTHUR FRANK PAYNE. 1. "Intelligence Levels and Aptitudes of Fifty-Six Apprentice Boys." For a large steel works.

2. "Intelligence Levels and Aptitudes of Seventy-Five Foremen." For a large steel works.

H. C. PRYOR. "Graded Units in Student Teaching." For Ph.D. thesis.

CLAY CAMPBELL ROSS. "Relation Between Grade School Record and High School Achievement." For Ph.D. thesis.

JOHN RUFI. "A Study of Certain Small High Schools." For Ph.D. thesis.

PETER SANDIFORD. 1. "Paternal Occupations and Intelligence of Offspring."

2. "B.C. Test in the Fundamentals of Arithmetic."

3. "Intelligence of the Chinese and Japanese in British Columbia."

4. "Testing Programme in *Survey of School System of British Columbia*, pp. 436-509."

ALFRED DEXTER SIMPSON. 1. "The Teaching Personnel in Ninety-five Small Towns Served by State Supervising Agents, 1925."

2. "Teachers' Salaries in Connecticut Towns and Cities, 1924-1925." (Research Letter 2, 1925-1926.)

3. "Per Pupil Costs and Net Tax Rates for Schools for 1923-1924 and 1924-1925."

RONALD J. SLAY. "Development of Agriculture Teaching in Mississippi." For Ph.D. thesis.

R. B. TAYLOR. "Principles of School Supply Management." Presents findings in current practice in 16 eastern cities, in methods of handling school supplies. Present practice in supply purchasing and distribution in 14 large corporations (as a means of comparison). A plan for supply management is presented. Contains graphs and tables and charts.

MARVIN J. VAN WAGENEN. 1. "A Study Upon the Effects of Homogeneous Grouping of Pupils in a Junior High School."

2. "A Study Bearing Upon the Relation of Grade Placement and Mental Age Upon School Achievement."

LEWIS H. WAGENHORST. "The Administration and Cost of High School Interscholastic Athletics." For Ph.D. thesis.

JOSEPH J. WEBER. 1. "A Standard Achievement Test on Aims, Purposes, Objectives, Attributes, and Functions in Secondary Education."

2. "A Standard Achievement Test Prepared for Use in Teacher Training Work."

3. "Some Educative Values of Photographs, Stereographs and Lantern Slides." (Monograph.)

W. A. WILKINSON. "A Study of the Mental Abilities of College Freshmen."

Gamma

JOHN RAY CABLE. 1. Research on Bank Failures in Utah, Wyoming, Colorado, New Mexico. Conducted as Field Study for Professor H. Parker Willis, Columbia University. Published in *Hearings Before Sub-Committee* of the Committee on Banking and Currency, U. S. Senate, 69th Congress, First Session.

2. Research on Reference Reading Control in Finance Course, Washington University.

HERBERT G. KENAGY. "Personality Characteristics of Successful Branch managers."

Delta

JOHN C. ALMACK. 1. "The Nomograph Principle in Education." (With W. G. Carr.)

2. "School Building Survey Chart."

3. "A 'Sense of Humor' Test."

KARL M. COWDERY. "An Evaluation of the Expressed Attitudes of Members of Three Professions (Medical, Legal, Engineering)."

FRANKLIN FEARING. 1. "History of Theories of Reflex Action With Special Reference to 17th and 18th Centuries." (Mss. for book).

2. "Experimental Study of Effect of Attention on Amplitude of the Patellar Tendon Reflex."

3. "Diminution of Nystagmic Response in Pigeons with Repeated Rotations."

H. R. LASLETT. "Experiments on the Effects of the Loss of Sleep." For Ph.D. thesis.

GEORGE I. LINN. "High School Activities."

DANIEL A. MCCLAIN. 1. "Teaching the Worthy Use of Leisure." For M.A. at Stanford University.

2. "Some of the Contributing Factors in School Morale."

3. "The Permanency of the Extra-Curricular Interests of High School Pupils."

4. "The Leisure Time of the High School Boy." For M.A. thesis at State College of Washington.

WILLIAM CLARENCE MAXWELL. "Compound Words in Edmund Spenser's Poetry." For Ph.D. thesis.

CHARLES R. SATTGAST. "Layman Attitudes on Moral Education."

Epsilon

DAVID ALLEN ANDERSON. "An unnamed study" taking note of certain subjects in the curricula of secondary schools and colleges of liberal arts and education which have not been studied by graduates of colleges of liberal arts and education. A surprisingly large percentage have had no instruction whatsoever in two or more of the more important subjects in our curricula.

CLIFFORD PAUL ARCHER. 1. "Leisure Time Activities of High School Graduates."

2. "Causes of Teacher Failure."

3. "Analysis of a Teacher's Functions."

4. "Relation of High School Grades to Intelligence and College Grades."

JAMES ELMER BATHURST. "A Diagnostic Study of Teaching Ability." For Ph. D. thesis.

G. W. GOTKE. "Vocational Guidance Counseling Card." For the class room teacher.

GEORGE H. HILLIARD. "Reorganization of Professional Courses in Teachers' Colleges. (Committee report made to Department of Education and Psychology.)

I. N. MADSEN. "Why Teachers Fail."

FRANK W. PARR. "Initial Salary as an Index to Salary Trend." For M.A. thesis.

E. L. RITTER. "Silent Reading in the Rural Schools of Three Iowa Counties." (Tests at beginning and end of year.) (This was an extension project carried on by the Extension Divison of Iowa State Teachers College.)

DON. C. ROGERS. 1. "Failures and Promotions in Chicago."

2. "Chicago Financial Situation."

HARRY P. SMITH. "Business Administration of a City School System."

GEORGE E. VANDER BEKE. 1. "Improvement of Textbook Construction." For M.A. thesis.

2. "Measuring the Results of Teaching in the Field of Modern Foreign Languages." For Ph.D. thesis.

I. D. WEEKS. "Status and Objectives of the Parent-Teacher Associations in the United States." Published in Bulletin form.

Zeta

I. M. ALLEN. "The Teacher's Contractual Status." For Ph.D. thesis at Columbia University.

G. T. BUSWELL. "Diagnostic Studies in Arithmetic." (For Commonwealth Fund.)

J. O. ENGLEMAN. "A Study of Student Teaching in State Normal Schools and Teachers Colleges." Published in *Elementary School Journal*, December, 1925.

CHAS. W. FINLEY. "Biology in Secondary Schools." For Ph.D. thesis, Columbia University.

WALTER SCRIBNER GUILER. "The Predictive Value of Three Group Tests of Intelligence." This was reported before the Ohio College Association, April 7, 1926. It will appear in the *Transactions* of this body.

HERBERT M. HAMLIN. "A Check List for Division IV of Commonwealth Teacher Training Study." This deals with teacher activities involving contacts with pupils outside of the classroom, excluding ordinary school management activities. The Study was made under the direction of Prof. W. W. Charters.

C. C. JANZEN. "Social Study of Mennonite Settlement in Kansas." For Ph.D. thesis.

WILLIAM H. JOHNSON. "A Procedure for Teaching Beginning Reading." Various devices were used such as the stereopticon with slides made for the purpose and seat work made for the purpose.

GUY ANNADALE LACKEY. "Standardized Tests for (1) Methods of Teaching the Elementary School Subjects, (2) General Psychology, and (3) Educational Psychology."

J. C. MCELHANNON. 1. "Measuring English Abilities in Bell County, Texas."

2. "Age-Grade Correlations of College Freshman."

HOWARD J. MCGINNIS. "Standardization of the Rural Elementary School." This study was made for the purpose of determining the extent of such standardization among the states, the steps taken in effecting standardization, and the arguments favoring further standardization."

HERSCHEL T. MANUEL. Co-operated in survey of Galveston, Texas, Public Schools, writing sections dealing with census and attendance, curriculum, and rising cost of education with special reference to teachers' salaries.

GEORGE R. MOON. 1. "Statistical Study of Attendance and Scholarship Records of a Class at the University of Chicago," worked out jointly with E. F. Potthoff. To be published in *Educational Administration and Supervision*.

2. A number of minor studies in the Examiner's Office, the University of Chicago, relative to the success and failure of students in College.

B. H. VAN OOT. "Educational Problems of a Cotton Mill Community." Published in mimeographed form by the State Department of Education, Richmond, Va.

WILLIAM F. RASCHE. "The Reading Interests of Young Workers." This is reported in monograph No. 9, issued by the Milwaukee Vocational School. This is a report of a survey that was made of what 7065 boys and girls of the working age read in books, magazines and newspapers.

CHARLES EDWARD REEVES. "The Married Teacher Problem." To appear in *American School Board Journal.*

FLOYD W. REEVES. Surveys as follows: (1) Atlantic Christian College, North Carolina, (2) Phillips University of Enid, Oklahoma, (3) Cotner College, Nebraska, (4) William Woods College, Missouri, (6) Bible College affiliated with University of Missouri, (7) Carr-Burdette College, Texas.

DOUGLAS E. SCATES. "Admission, Retention and Marking of College Students at the University of Chicago." Dissertation toward Ph.D. degree.

HALLIE L. SMITH. "A Junior High School Program of Studies." In collaboration with Allan Rood.

CLEM O. THOMPSON. "The Curriculum of the Small High School in Indiana."

ELMER HARRISON WILDS. "The Selection of Candidates for Admission to the Normal High School on the Basis of Standardized Intelligence and Achievement Tests."

Eta

JOHN E. BOHAN. "Students' Marks in University Courses." For Ph. D. thesis.

WAYLAND J. CHASE. "The *Ars Minor* of Donatus." A Study of a very influential medieval text-book. It is to be published as one of the "University of Wisconsin Studies in the Social Sciences and History."

EDWIN J. DAHL. 1. "An Analysis of Senior High School Textbooks in the Social Studies." For M.A. degree.

2. "Determination of a Curriculum for the Winona Senior High School."

JOSEPH C. DEWEY. "An Analysis of the Traffic Hazards in Minneapolis Confronting School Children Going To and From School." For M.A. thesis.

ROY HOMER GOOD. 1. Administrative problem: "A Study of Per Pupil Costs Relating to Various School Supplies at Atwater, Minnesota."

2. Problems in Supervision: (a) Types of Teaching. (b) Determining Procedure for Minneapolis Third Grade Drill Materials. (c) Determining Procedure for Minneapolis Materials in Fractions.

RALPH B. SMITH. "Methods and Devices for the Professional Improvement of Teachers of Vocational Agriculture." For M.S. thesis.

W. W. STAUDENMAIER. "A Study of the Achievement of the Pupils of the Jordan Junior H. S., Minneapolis, Minnesota, in the Ability Groups." For M.A. thesis.

WESLEY B. THURMAN. "Comparative Study of Attainment by Subjects of Pupils in our Own System to Determine Relative Attainments of Pupils and Teachers."

Iota

JAMES A. BELL. "Resources and Standards of Y. M. C. A. Colleges." For Ph.D. dissertation.

LEONARD CARMICHAEL. 1. "Preliminary Study of a Modified Form of the Poggendorff Illusion." (With H. S. Langfeld.)

2. "Further Studies in the Development of Vertebrates Experimentally Removed From the Influence of External Stimulation."

ALCOTT FARRAR ELWELL. "A New Factor in Education," dealing with the Camp Movement and its Educational Implications. Thesis accepted by Graduate School of Education, 1925.

HAROLD BRADFORD FOYE. Study of a high school class five years after graduation.

RALPH LYMAN JACOBS. "Co-operative Part-Time Industrial Education." For Ed.D. thesis.

ALFRED H. JONES. "A Job Analysis of Business Manager of Public Schools."

TYLER KEPNER. "Outline of Methods Course in History and Civics in the Junior High School."

OTTO F. MATHIASEN. "A Study of the Value of a Group Intelligence Test in Predicting Scholarship in a Graduate School of Education."

Kappa

CHARLES S. ROBINSON. "A Population Study." The location of the residing place of our 13,000 school children is indicated on a city map. This survey was made to determine the places to erect new school buildings. At present we have a very decided overlapping and many old buildings, a situation which we hope to remedy soon.

Lambda

WILLIAM JOHN COOPER. "Committee on Duties and Functions of the State Administrative Authorities," Preliminary report to California Teachers' Association Council, April, 1926.

LEROY E. COWLES. "The Utah Educational Program of 1919 and Factors Conditioning its Operation." For Ph.D. thesis.

RAY O. DIETLER. 1. "Grade Distribution Through Semesters."

2. "Organization of Counselor System."
3. "Character Development Through Trust."

WILLIAM FERDINAND EWING. 1. "The Junior College Movement With Special Reference to California Junior Colleges."
2. "The Annual Report of the Secondary School Principal."
3. "The High School Students' Manual."

F. L. GRIFFIN. "Status of Special Schools of Agriculture Throughout the United States."

C. A. HARWELL. "County Examinations Used for Eighth-Grade Graduation in the Counties of California." For M.A. thesis.

J. DAVID HOUSER. "A Study in Industrial Training."

FRANK W. HUBBARD. "Heating and Ventilating in Fresno Schools." For M.A. thesis.

ARNOLD E. JOYAL. "The Cost of Junior High School Instruction in California." For M.A. thesis.

WALTER E. MORGAN. "Relationship Between Per Pupil Costs and Size of Elementary School by Counties in California."

DONALD VERNE SPAGNOLI. "Classroom Construction as a Factor in Methods of Teaching." For M.A. thesis.

MACK STOKER. "The Junior College Within the Teachers College as it Appears in California." For M.A. thesis.

CHARLES C. WEIDEMANN. 1. "Survey of College and University Examinations." (Joint author with Ben D. Wood.)
2. "New Type Objective Written Essay Examination."
3. "Limitations of the True-False Statement."
4. "Stable and Unstable Subject Matter."
5. "General Outline of Examination Methods."

RICHARD J. WERNER. "Rating Vocational Agricultural Departments in California High Schools." For M.S. thesis.

L. A. WILLIAMS. "Textbook in Principles of Secondary Education.' (Joint author, with G. A. Rice.)

J. T. WORLTON. "Homogeneity Versus Heterogeneity in Class Organization; An Experimental Study." For Ed.D. thesis.

Mu

JOHN WALLACE DUNN. Certain studies in mental tests for fifth, sixth and seventh grade children.

NUGENT E. FITZGERALD. "Transportation Costs for Teachers of Vocational Agriculture." For M.S. thesis.

GEORGE F. GOROW. "Methods of Evaluation of Teachers." For M.A. degree.

JOSEPH L. HENDERSON. "A Statistical Study of the Use of City School Systems by Student-Teachers in Colleges and Universities."

C. T. JONES. Field Work on Mexican Education in America. (U. S. A.)

THOMAS HALL SHELBY. "Buildings and Equipment." A chapter in the Galveston School Survey, Bulletin of Bureau of School Inquiry, University of Texas.

Nu

LELAND P. BROWN. "Status of Supervised Study in Washington."

RAY R. CULLEN. "An Educational, Economic and Social Survey of Okanogan County, Washington, with Some Recommendations." For M.A. thesis.

HARRY S. GANDERS. "Survey of Lao Animas and Bent County, Colorado Schools."

FREDERICK MERRICK LASH. "A Survey of Opinions Relative to the Value of Military Training in the High Schools of the United States." For M.A. thesis.

EDWARD MILTON LITTLE. "Ionization Efficiency of Ultra-violet Light in Caesium Vapor." For Ph.D. thesis.

Xi

RAY L. HUFF. 1. "Percept Content of School Children's Minds."
2. "The School Cost of Children's Health."

Pi

WALTER S. ADAMS. "The Improvement of High School Teachers in Service." For M.S. degree.

BEALS E. L. FRENCH. "Studies Upon the Preparation and Properties of Calves Rennin." For Ph.D. thesis.

ROY H. BRACEWELL. "The Use of Tests in Studying the Progress of a High School Class." For M.A. thesis.

WILLIAM W. EARNEST. The administrative part in the making of a new handbook for a four-year senior high school of approximately one thousand pupils.

Co-operative revision of the courses of study for use in such a book.

M. E. HERRIOTT. A study of "Objectives of United States History in Seventh and Eighth Grades." Done in co-operation with Dr. Walter S. Monroe.

2. "How to make Courses of Study in the Social Studies."

F. DEAN MCCLUSKY. 1. "A study of the 'bulk' enrollment in Purdue University," beginning with the founding of the University and extending to the present time. Tables and charts are to be arranged in such a way that the record will be continuous.

2. "A study of the predicted growth of Purdue University together with a study of the various factors affecting the growth of the University."

3. "A study of student mortality and survival at Purdue University."

4. "A study of letters sent to students who have dropped or failed to appear for registration, together with the preparation of follow-up letters."

5. "A study of the Effect of the Amended Twelve-Hour Rule."

6. "A study of the Methods of Handling Classes That are Interrupted by Saturday Vacations."

7. "A study of the Distribution of A, C and D grades by Instructors for the Period of 1920-1924."

8. "The Preparation of Instructions to Various Members of the Registration Staff."

9. "A Tabulation of the Returns From the Superiority Reports of November, 1925, together with a Tabulation of the Data Obtained through (1) the Iowa Placement Tests in Chemistry and Mathematics and (2) the Subject Matter Tests in English."

10. "A Study of the Various Grading Systems in Use in Schools Similar to Purdue."

11. "The Preparation for Clerks of a Book of Instructions Describing Correct Methods of Making Out Blanks and Forms Commonly Used at Purdue."

12. "A Study of the Feasibility of Placing Bulletin Boards at Strategic Places on the Campus to Display Facts Concerning Purdue."

Sigma

C. O. LEHMAN. 1. "Sources and Distribution of Educational Revenues of Indiana."

2. "Evaluation of Three Geography Tests."

W. D. ARMENTROUT. "The Conduct of Student Teaching in State Teachers Colleges." For Ph.D. thesis at Harvard University, June, 1926.

Tau

PARIS B. ANDES. "A Study of Instructional Costs in High Schools Surrounding Philadelphia." For M.A. thesis.

JOHN H. TYSON. "High School Failures."

Upsilon

GEORGE H. BETTS. 1. "A Group-Judgment Comparison of Standards in Public Schools and Church Schools."

2. "Protestant Ministers' Estimate of the Relative Importance of Local Church Activities."

Phi

A. S. BARR. "An Analysis of the Duties and Functions of Special Supervisors."

2. "An Analysis of the Activities of Good and Poor Teachers."

WILLIS E. BOOTS. 1. "A Study in the Intelligence of White and of Negro Grade School Pupils, High School Students, and College Freshmen." For M.A. thesis.

FRANK L. CLAPP. 1. "The Relative Effectiveness of Different Types of Instructional Material Used in Teaching Percentage."

2. "The Status of Instruction in Arithmetic in Wisconsin Schools."

3. The Status of Professional Activities of Elementary Teachers and Principals in Wisconsin Schools."

SAMUEL R. ELLIS. 1. "Reading Material in Elementary Grades."

2. "History of Wisconsin Academies."

J. T. GILES. "A Survey of Commercial Graduates in Wisconsin High Schools."

OSCAR EDWARD HERTZBERG. "A Comparative Study of Different Methods Used in Teaching Beginners to Write." For Ph.D. dissertation.

CHARLES ERNEST HULTEN. "Stabilizing of Teachers' Marks." For Ph.D. thesis.

MARK E. HUTCHINSON. "A Standard Test in Latin Grammar." For Ph.D. thesis.

Psi

EARL A. COLLINS. "Classification of Chartered Schools in Missouri." For Ph.D. thesis.

ROLLA F. WOOD. "The Typical Four-Year High School of Missouri." For M.A. thesis.

Alpha-Alpha

JOHN L. COFFEY. "Chart of Political Parties."

ELLSWORTH COLLINGS. 1. "An Activity Scale for Measuring Teaching Through Pupil Activity."

2. "A Project Curriculum for the Primary Grades."

3. "Experimental Construction of the Junior High School Curriculum."

W. E. McClure. "A Computation Scale for Measuring the Quality of Computation in Arithmetic." For M.A. degree.

Duane Roller. "Space Change in Electrolytes."

M. O. Wilson. "Interests of College Students."

Alpha-Delta

John Arthur Glaze. "The Psychological Effects of Fasting." For Ph.D. thesis at the University of Chicago.

Roy C. Langford. "Statistical Investigation of the Value of the Thorndike Intelligence Examination for High School Graduates as a Means of Predicting Grades in College Algebra and Trigonometry." For M.S. degree.

Henry W. Schmitz. "Training Teachers in Preparation for Teaching Vocational Agriculture." M.S. thesis.

O. L. Strickland. "Relative Levels of Intelligence in College and High School." For Ph.D. thesis.

Cyrus Vance Williams. "Fundamentals Involved in the Organization and Conduct of Vocational Agricultural Schools and Classes." For Ph.D. thesis.

Alpha-Epsilon

Edwin Bamford. "The Socialization of Social Work."

Herbert Hooper. "Local Studies on High School Grading by Teachers, and Study Comparing the Scholarship of My High School with Other Known Figures."

W. J. Klopp. "Educational Guidance of the 'Lower Quintile' of Freshman Entrants and Their Success the First Semester in College."

John G. McNeely. "The Aims and Functions of Supervision as Determined by Recent Text-books and Magazines on Supervision." Research problem in Seminar in Education.

Claude Owen. "A Study of 555 Boys Who Were Classified as Acute Problems in the Los Angeles City Schools."

Paul J. Ritter. "The Construction and Management of the High School Stage in California."

Alpha-Zeta

Jack W. Dunlap. "A Battery of Prognostic Tests for Mathematical Ability." For M.S. degree.

Alpha-Eta

James S. Gallagher. 1. "Philosophy of Education."

2. "Educational Psychology."

3. "Recent and Contemporary Educational Thinkers."

4. "Principles and Methods of Moral and Religious Education."

John T. Garman. 1. Text in General Science.

2. "Sex Differences in General Science Achievement."

Alpha-Theta

G. W. Crossman. "A Correlation Between Speed and Accuracy." (A correlation made between speed and accuracy based upon the work of 494 University Freshmen, in their entrance examination into the University of North Dakota.)

Elmer Ellis. "Minor Parties in the United States from 1870-1900." For M.A. theses.

N. B. Knapp. 1. "Comparison of Grades Made by University of North Dakota Freshmen in English and Mathematics."

2. Co-worker With Theo. Hanson on a set of Arithmetic Tests given in the Junior High School of Grand Forks.

3. Author of chapter on school law in a bulletin for the New Superintendent in North Dakota published by the University of North Dakota.

Milton E. Nugent. 1. "Professional Preparation of Secondary School Teachers." For M.A.

2. "Reorganization of Mathematics."

A. O. Swetland. 1. "A Study of the School Buildings of Grand Forks."

2. "A Comparison of Pupils' Scores in the Minnesota 'Mechanics of English' test with High School Averages in English and in Mathematics."

Walter J. Swenson. "Intelligence Tests in School Administration." For M.A.

S. E. Syvertsen. "Supervision and the Improvement of Teaching." For M.A. thesis.

Alpha-Iota

P. Evans Coleman. "Educational Values in Cooperative Education, e.g., in Progressive Sequence, Synchronization, Vocational Guidance."

F. C. Frye. "The Place of the School in the Scheme of Social Reconstruction." For graduate work toward Ph.D. (a paper).

FRANCIS C. PHILLIPS. "The Contribution of Social Case Histories to the Psychology of Suggestibility." For M.A. thesis.

Alpha-Kappa

JASPER C. BARNES. "Musical Sensitivity of Maryville College Students."

Alpha-Lambda

C. LESLIE UPDEGRAPH. "Survey of Present Status of Moral Education." For M.A. thesis.

HOWARD WILBUR. 1. "Cotton Manufacturing in the South."

2. "The Status of the Use of Visual Aids in the Intermediate School."

3. "Visual Instruction in the Intermediate School." (Master's Thesis for certificate as Master in Boston Public Schools.)

Alpha-Mu

THOMAS J. MAHAN. "A Study of the Duties, Difficulties and Traits of Citizenship." For M.A. thesis.

"Education has perhaps had less scientific research upon it in comparison with the number of words uttered about it than any other field of human endeavor with the exception of war and religion."

—Dean R. A. Kent.

Books

CARTER ALEXANDER (Beta) 1. *Course of Study and Publicity Sections in Hammonton, N. J.*, Board of Education, Hammonton, N. J.

2. *Finance Section in Port Arthur Survey*, Board of Education, Port Arthur, Texas.

3. *Some Problems in Problems in Educational Administration*, Co-author with Strayer, Engelhardt and others, Bureau of Publications, Teachers College, Columbia University.

ADAMS LEVERETT ALLEN (Beta) *Necturus, A Dissection Guide.* The Macmillan Co.

CHARLES F. ALLEN (Beta) *Extra Curricular Activities, Organization and Administration.* (Joint author with Roemer.) D. C. Heath & Co.

JOHN C. ALMACK (Delta) *The Administration of Consolidated and Village Schools.* With J. F. Bursch.) Houghton & Mifflin Co.

HARRY L. ANDREWS (Pi) *Acting and Play Production.* Longmans Green Co.

CLIFFORD PAUL ARCHER (Epsilon) *Psychology of the Common Branches.* Globe Gazette Publishing Co., Fargo, N. D.

E. J. ASHBAUGH (Sigma) *Revised Edition, Horn-Ashbaugh Speller.* J. B. Lippincott Co.

JOSEPH EMORY AVENT (Alpha Kappa) 1. *Summer Sessions in State Teachers Colleges.* Published by the author.

2. *Beginning Teaching.* Published by the author.

A. S. BARR (Phi) 1. *Visiting the Teacher at Work.* (Joint author with Barr and Bush) D. Appleton & Co.

2. *The Supervision of Instruction.* (Joint author with Burton) D. Appleton & Co.

ALBERT MILTON BARRON (Alpha-Eta) *Football Rules Book.* A. J. Reach & Co., Philadelphia.

LESTER W. BARTLETT (Beta) *State Control of Private Incorporated Institutions of Higher Education.* Bureau of Publications, Teachers College, Columbia University.

JAMES RICHARD BARTON (Beta) *Teachers' Organization Book.* University Publishing Co., Lincoln, Nebraska.

WILLARD W. BEATTY (Lambda) Three plays in "Land of Make Believe Series" in collaboration with Lucy Cuddy and Mary MacCauley. "Mother Goose Plays," "Thanksgiving at Plymouth," "Columbus." Rand-McNally Co.

W. L. BEAUCHAMP (Zeta) *Everyday Problems in Science.* (Joint author with C. T. Pieper.) Scott, Foresman & Co.

HENRY EASTMAN BENNETT (Zeta) *School Postures and Seating.* (To be published late in 1926.)

MILTON BENNION (Lambda) *Character Education Committee Report.* The National Education Association, Milton Bennion, Chairman of the Committee. United States Department of the Interior, Bureau of Education, Bulletin No. 7, 1926.

GEORGE H. BETTS (Upsilon) *Method in Teaching Religion.* (Joint author with M. O. Hawthorne.) Abingdon Press.

S. J. BOLE (Pi) *The Modern Triangle—Evolution, Philosophy, Criticism.* Biola Book Room, Los Angeles, California.

JULIUS BORAAS (Epsilon) *Rural School Administration.* (Joint author with George A. Telke.) D. C. Heath & Co.

ARTHUR G. BOVEE (Zeta) *Deuxieme Annee de Francais.* Ginn & Co.

DAVID KINGSLEY BRACE (Beta) *A Scale of Motor Ability Tests.* A. S. Barnes & Co. (Autumn of 1926.)

SAM T. BRATTON (Gamma) *Missouri: A Geographical Reader.* Lucas Bros.

E. R. BRESLICH (Zeta) *Junior Mathematics, Books I and II.* The Macmillan Co.

FOWLER D. BROOKS (Beta) *Applied Psychology of Reading.* D. Appleton & Co.

HOWARD G. BURDGE (Beta) 1. *Smith-Burdge Arithmetics.* Ginn & Co.

2. *New York State Arithmetics.* (Joint author with David Eugene Smith.) Ginn & Co.

GUY T. BUSWELL (Zeta) *Diagnostic Studies in Arithmetic.* Supplementary Educational Monograph No. 30, The University of Chicago Press.

LEONARD CARMICHAEL (Iota) *Special Disabilities in Learning to Read and Write.* (Joint author with W. F. Dearborn and E. E. Lord.) Monograph published by The Graduate School of Education, Harvard University.

ERNEST ROSCOE CAVERLY (Iota) *New Aldine Third Language Book.* (Co-author.) Newson & Co.

W. W. CHARTERS (Zeta) *The Teaching of Ideals.* Edwards Bros., Ann Arbor, Mich.

FRANK L. CLAPP (Phi) *Clapp's Drill Books in Arithmetic, Grades IV-VIII.* Silver, Burdett & Co.

WILLIS W. CLARK (Alpha Epsilon) Editor of 1926 *Yearbook Southwestern Educational Research and Guidance Association.* Research Service Co., Los Angeles, California.

ELLSWORTH COLLINGS (Alpha-Alpha) 1. *An Experiment with a Project Curriculum.* The Macmillan Co.

2. *Creative Supervision.* Edwards Bros., Ann Arbor, Mich.

3. *A Guide to the Study of Project Teaching.* Edwards Bros., Ann Arbor, Mich.

4. *A Content Scale for the Measurement of Teaching.* Edwards Bros., Ann Arbor, Mich.

WILLIAM ADELBERT COOK (Phi) *High School Administration.* Warwick & York.

GEORGE S. COUNTS (Zeta) *Senior High School Curriculum.* Supplementary Educational Monograph No. 29. The University of Chicago Press.

ROSCOE V. CRAMER (Gamma) *Manual and Forms for Supervised Study in High Schools.* Webster Publishing Co., Webster Groves, Missouri.

E. A. CROSS (Beta) 1. *The Little Book of English Composition.* Little, Brown & Co.

2. *Fundamentals in English.* The Macmillan Co.

ELLWOOD P. CUBBERLEY (Delta) 1. *Introduction to the Study of Education.* Houghton Mifflin Co.

2. *State School Administration.* Houghton-Mifflin Co.

WILLIAM H. CUNNINGHAM (Iota) 1. *Character Conduct and Study.* G. P. Putnam Sons, New York City.

2. *Adventures in Science.* Ginn & Co.

FRANCIS D. CURTIS (Beta) *A Digest of Investigations in the Teaching of Science in the Elementary and Secondary Schools.* P. Blakiston's Son & Co.

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